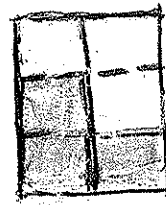
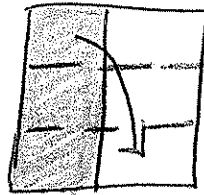
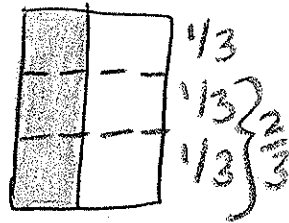
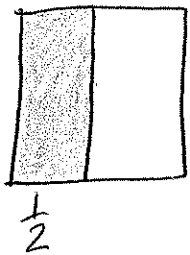


Modeling Practice - Key

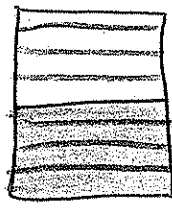
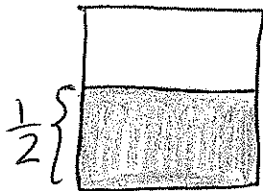
a) $\frac{1}{2} \div \frac{2}{3}$



$\frac{1}{2} \div \frac{2}{3} = \frac{3}{4}$

b) $\frac{1}{2} \div \frac{1}{8}$

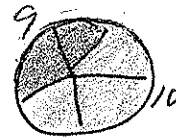
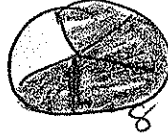
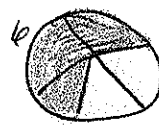
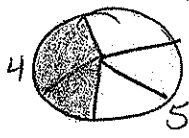
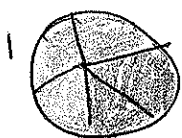
- 1) Show $\frac{1}{2}$ of the whole.
- 2) Divide the whole into $\frac{1}{8}$'s.



There are 4 one-eighths in a whole.

c) $6 \div \frac{3}{5}$

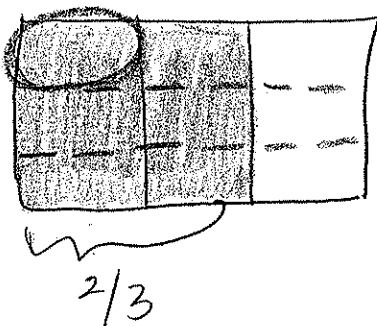
- 1) Start with 6 wholes
- 2) divide each whole into fifths
- 3) Count groups of $\frac{3}{5}$.



$6 \div \frac{3}{5} = 10$

d) $\frac{2}{3} \div 6$

- 1) Divide the whole into thirds + color in $\frac{2}{3}$.
- 2) Divide the $\frac{2}{3}$ part into 6 equal sections.
- 3) What part of the whole is each piece?



Each piece is $\frac{1}{9}$ of the whole.

$\frac{2}{3} \div 6 = \frac{1}{9}$